

30th Annual

Kentucky Professional Engineers In Mining Seminar

Friday, September 15, 2017

Marriott Griffin Gate Resort—Lexington, Kentucky



Sponsored by

*UK Department of Mining Engineering
KSPE/Professional Engineers in Mining*

Co-Sponsor

Kentucky Coal Association

- 7:15 a.m. **Registration**
- 8:00 a.m. **PEM Welcome**
Don Arrowsmith, PEM Chairman & Moderator
Russ Romine, Executive Director, ACEC-KY/KSPE
Tom Novak, Chair, UK Department of Mining Engineering
- 8:15 a.m. **The Coal Industry in 2017 and Beyond**
Michael Bauersachs, CEO and President, Ramaco Resources, Lexington, Ky.
- 9:00 a.m. **Kentucky Regulatory Environmental Roundtable**
*Allen Luttrell, Commissioner, KY Department for Natural Resources
Jeff Baird, Director, KY Division of Mine Permits
Danny Hall, Executive Director, KY Office of Reclamation Guaranty Fund*
- 10:00 a.m. **Break—Door Prizes and Alumni Photo**
- 10:15 a.m. **Mine Safety Roundtable**
*Robert Simms, District Manager, MSHA, District 10
Marco Rajkovich, Member, Rajkovich, Kilpatrick, Williams & True, PLLC
Jim Vicini, Director, KY Division of Mine Safety
Kenny Murray, Vice President of Operations, Alliance Coal, LLC*
- 11:15 a.m. **Research in Recovering Rare Earths from Coal and Coal Byproducts**
Rick Honaker, Professor, UK Department of Mining Engineering
- 11:40 a.m. **Recovering Rare Earths from Acid Mine Drainage**
Paul Ziemkiewicz, Director, West Virginia Water Research Institute
- 12:05 p.m. **Special Award Announcement**
- 12:15 p.m. **Lunch**
- 1:15 p.m. **Announcements**

- 1:20 p.m. **Capture and Utilization of CO2 from Power Plant Flue Gas: Technology Development and Demonstration**
Jack Groppo, Professor, UK Department of Mining Engineering
- 1:45 p.m. **Potential Hydrologic Impacts Due to Mine Subsidence**
Zach Agioutantis, Professor, UK Department of Mining Engineering
- 2:10 p.m. **Optimizing the Utility of Underground Communication Systems**
Steve Schafrik, Associate Professor, UK Department of Mining Engineering
- 2:35 p.m. **Coal Production in Kentucky**
J. Tyler White, President, Kentucky Coal Association
- 3:00 p.m. **Break** (door prizes, must be present to win)
- 3:15 p.m. **Professional Liability and Duty for Engineers**
John Hays, Partner, Jackson Kelly LLC
- 3:40 p.m. **Experimental Results of a Shearer Mounted Flooded Bed Dust Scrubber**
Chad Wedding, Assistant Professor, UK Department of Mining Engineering
- 4:05 p.m. **Mineral Reserves Reporting – A Retrospective Look at Where We’ve Been, Where We Are Today, and Ethics in Reserves Reporting**
Brian Groff, President, Groff Engineering & Consulting, Mt. Sterling, Ky.
- 4:30 p.m. **Changes in the Financial Structure of Coal Producers**
John Feddock, Senior Principal, Marshall Miller & Associates, Inc.
- 4:55 p.m. **Door Prizes** (door prizes, must be present to win)
- 5:15 p.m. **PEM Business Meeting**

LODGING & GENERAL INFORMATION

Call for Exhibitors: Anyone interested in setting up an exhibit can do so for a fee of \$275 (fee includes one seminar registration, one draped table and 2 chairs). Please contact Geaunita Caylor at 859/257-2820 or g.caylor@uky.edu for additional information.

- Registration Fee on or before September 6: PEM and KCA members \$175; non-members \$200. All registrations after September 6: \$225.
- Lodging: Contact the Marriott Griffin Gate Resort at 1-800-228-9290. The hotel is located at 1800 Newtown Pike, exit 115 off I-64 and I-75. Ask for the room block for the **UK Mining Engineering PEM Seminar**. The room rate of \$149 single or double (plus tax) will be held until September 1. You can also make a room reservation online: [2017 PEM Hotel Information](#)
- Cancellation with refund (less \$20 administrative fee) is available until September 6. No registration refunds after September 6. Substitutions may be made at any time. Please notify us in advance.
- **Eight Professional Development Hours (PDHs) awarded.**

For additional information, call Geaunita Caylor at 859/257-2820 or g.caylor@uky.edu

You can register online: [2017 PEM Online Registration](#)